

minimum, the transmission power is lowered.

6. A spread spectrum communication system as set forth in claim 1, wherein when said communication quality is not degraded
5 below a predetermined level and the transmission power is minimum, and when vacant band is not present in a narrower band than a currently used frequency band, the current frequency band and transmission power are maintained.

10 7. A spread spectrum communication system as set forth in claim 1, wherein when said communication quality is not degraded below a predetermined level and the transmission power is minimum, and when vacant band is present in a narrower band than a currently used frequency band, the frequency band is
15 varied to narrower band.

8. A spread spectrum communication system as set forth in claim 1, wherein said communication quality is classified into three levels depending upon degree, when said communication
20 quality is in medium level, said control means maintains current frequency band and transmission power.

9. A spread spectrum communication system as set forth in claim 1, wherein said control means varies the transmission
25 band width by varying a chip rate.

09891235*062701
F07290 5221680

claim 12, wherein when said communication quality is degraded below a predetermined level, said control step increases a transmission power when vacant band is not present in a wider band than a currently used frequency band.

5

16. A spread spectrum communication method as set forth in claim 12, wherein when said communication quality is not degraded below a predetermined level and the transmission power is not minimum, the transmission power is lowered.

10

17. A spread spectrum communication method as set forth in claim 12, wherein when said communication quality is not degraded below a predetermined level and the transmission power is minimum, and when vacant band is not present in a narrower band than a currently used frequency band, the current frequency band and transmission power are maintained.

15

18. A spread spectrum communication method as set forth in claim 12, wherein when said communication quality is not degraded below a predetermined level and the transmission power is minimum, and when vacant band is present in a narrower band than a currently used frequency band, the frequency band is varied to narrower band.

20

25 19. A spread spectrum communication method as set forth in

claim 12, wherein said communication quality is classified into three levels depending upon degree, when said communication quality is in medium level, said control step maintains current frequency band and transmission power.

5

20. A spread spectrum communication method as set forth in claim 12, wherein said control step varies the transmission band width by varying a chip rate.

10 21. A spread spectrum communication method as set forth in claim 12, wherein said control step varies the transmission band width by varying a data rate.

15 22. A spread spectrum communication method as set forth in claim 12, wherein said control step varies the transmission band width by varying a bit number of an error correction code.

00001235.062701